User Manual

VOYAGER

CL-2200XP

900 MHz LONG-RANGE CORDLESS PHONE SYSTEM

Please read this User Manual completely before operating this phone system and keep it in a safe place for future reference. Charge the handset battery for 2.5 hours before initial use.

TABLE OF CONTENTS

Introduction

Welcome……..4
Important Safety Information……4
Unpacking Your System……...5
Optional Accessories……6

Component Names and Functions

Base Unit……7
Portable Handset……8
Portable Handset Charger Stand ……9

Installation

Base Unit……10
Portable Handset……..11
Charger Stand ……..……11-12
Batteries……...12-13
Registering The Base Unit With The Portable Handset……13

Basic Operation

Turning Your Phone On/Off……14
Tone or Pulse Dialing……14-16
    Tone
    Pulse
Placing A Call……16
    Cellular Dial Mode
    Normal Dial Mode
Answering A Call……16-17
Redialing Numbers……...17
    Cellular Dial Mode
    Normal Dial Mode

Advanced Operations & Features

Answering Options……..18-19
    Auto Answer
    Press “OK” Key Or Press Any Key To Answer A Call
    Vibration
Audio Volume ……....20
    Microphone
    Speaker
Battery Low Alert ……20-21
Button Confirmation Tone……21
Call Transfer ……....22
    Direct Transfer
    Transfer After Talking to One Party

Channels……..23-24
Grouping
Set Number of Available Channels
Channel Scan (Scanning For A Free Channel) ……...24
Dialing Options……...24-26
Call Restriction (Call Barr)
Flash Time
Pause Time
Energy Saving Feature……26
Group Paging ……..27
ID Exchange……27
Intercom……28
Keypad Backlight……28-29
Out of Range Alert……29
Phone Book……30-33
Storing Names And Phone Numbers
Looking In The Phone Book
Deleting An Entry From The Phone Book
Making A Call While In The Phone Book Mode
Speed Dial
Ringer……..33-35
Ringer Melody
Volume Setting
Security……..35-36
Set Password Feature On/Off
Set Password
Set Security Code
Key Lock
Talk Time Control……37
Voice Scramble……37-38

Multiple Systems

Introduction……39
Adding Handsets……39-41
Adding Base Units……41-42
Placing A Phone Call……42-43
Intercom……43

Specifications……44

Troubleshooting……45

INTRODUCTION

INTRODUCTION - *Welcome*

Thank you for purchasing a Voyager Long-Range wireless phone system. To ensure that you optimize the full capabilities of this product, please read this user's manual before proceeding. Be sure to keep this manual for future reference in case any problems or questions should arise. We hope you enjoy your new Voyager wireless phone system.

INTRODUCTION - *Important Safety Information*

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury. Please read the following before using your equipment:

1. Read and follow all instructions carefully.
2. Follow all warnings and instructions on the product.
3. Unplug the product from the host telephone equipment before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water.
5. Do not place this product on top of a metal surface. Do not place this product on an unstable cart, stand or table.
6. Do not allow anything to rest on the power cords. Do not place this product in a location where the cords can be stepped on or where someone can trip over them.
7. Do not use this product near an area where there is a potential of gas leaks or near any fumes that can be explosive. If you notice that the equipment is being used in such a hazardous area, report this condition on a telephone that is located in a safe location.
8. Do not place this equipment near or over a radiator or any other heat source.
9. Use ONLY the power adapter supplied with the system.
10. Do not overload the wall outlet or power cord where the power adapter is installed. This can result in fire or electric shock.
11. This equipment is to be opened by ONLY a qualified serviceperson. There are no user serviceable parts inside. Opening this equipment may expose you to dangerous voltage and other risks. Incorrect reassembly of this equipment may result in electric shock.
12. Avoid spilling liquid on this equipment and do not insert any objects through the ventilation slots.
13. Avoid using this equipment during an electrical storm. There is a remote risk of electrical shock from lightning.
14. Do not use this equipment other than for its purpose intended by the manufacturer. Use ONLY the equipment provided by the manufacturer.
15. Do not break open the batteries and do not dispose of them in fire. Dispose of batteries safely or contact your local recycling center. Batteries contain corrosive materials that are dangerous to you and to the environment.

INTRODUCTION - *Unpacking Your System*

Your system will include the following equipment:

- 1 base unit
- 1 portable handset
- 1 power adapter for the base unit
- 1 desktop charger with power adapter
- 1 Li-ion battery pack
- 1 antenna for the base unit
  Note: *North American versions will have a fixed antenna.*
- 1 telephone line
- 1 user's manual

Base Unit	Portable Handset	Power Adapter for the Base Unit	User Manual
Battery Pack	Charger Stand	Standard Handset Antenna	Base Unit Antenna

INTRODUCTION – *Optional Accessories*

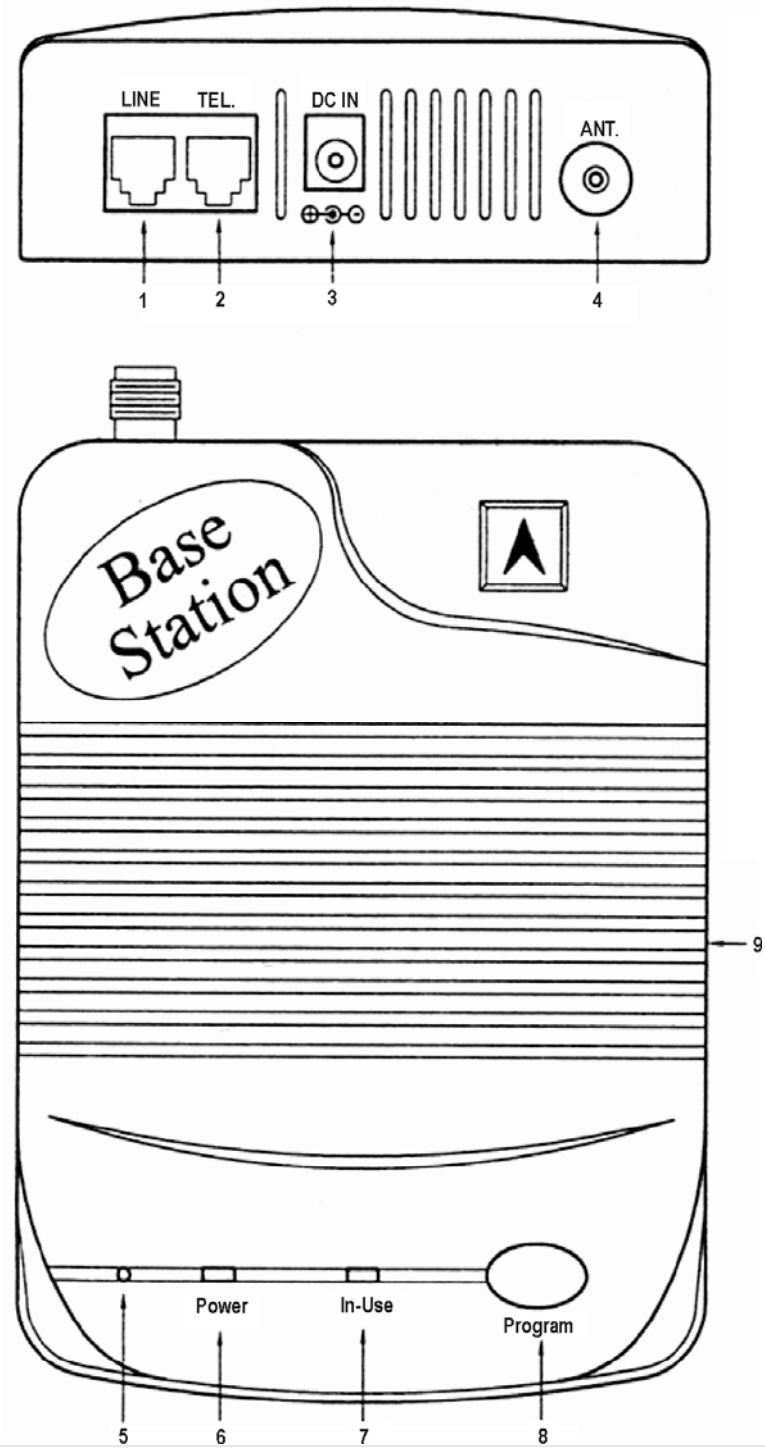
The following are optional accessories available from Voyager to help you expand your system, improve your system's performance and to give you more flexibility.

Extra Base Unit	3dB-Gain Roof Antenna	6dB-Gain Roof Antenna	Neck Carrying Strap With Built-In Hands-Free Headset	Wireless Door Phone System
Extra Handset	Extra Charger	Handset Leather Case	Extra Battery Pack	Hands Free Headset

COMPONENT NAMES AND FUNCTIONS

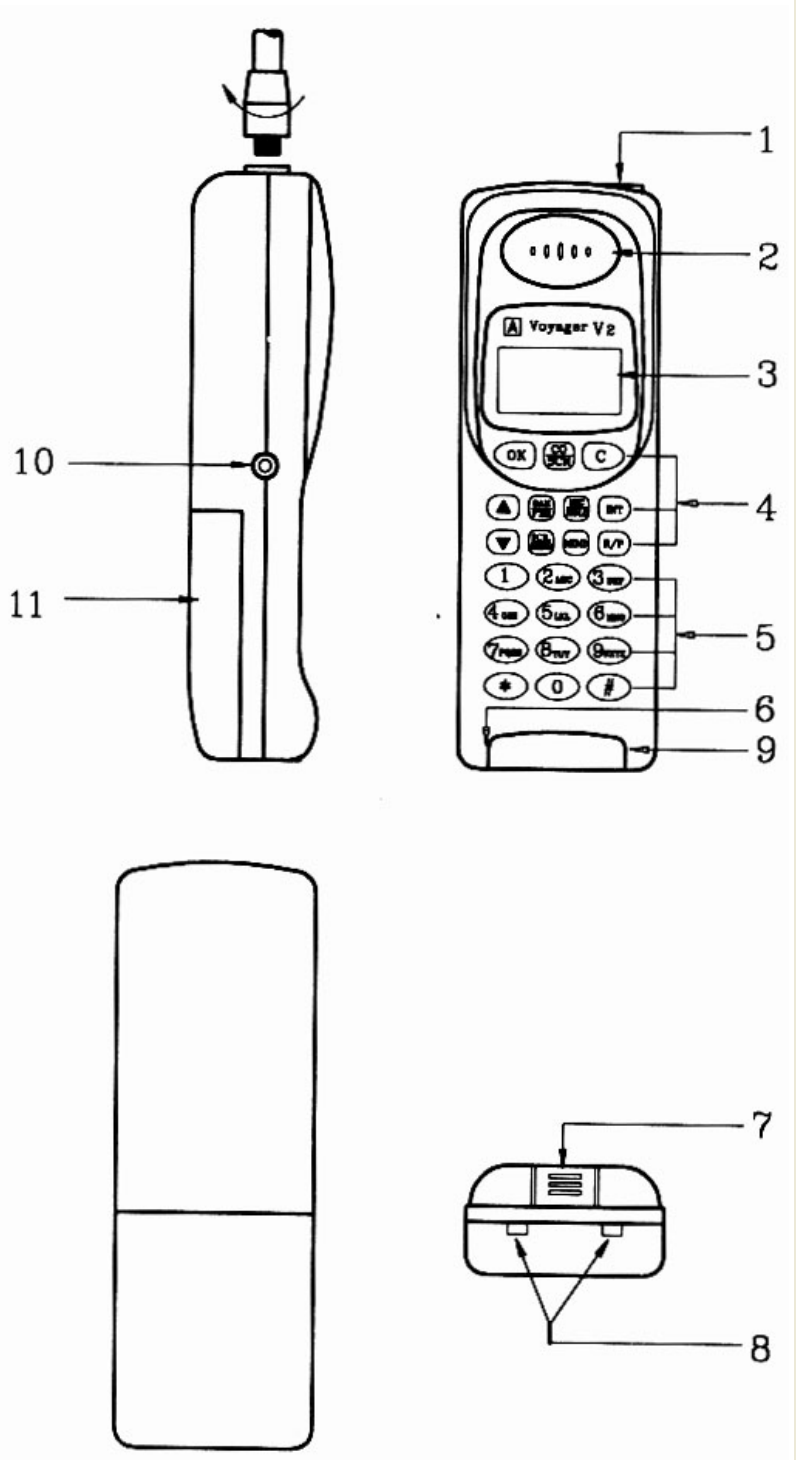
COMPONENT NAMES & FUNCTIONS - *Base Unit*

Base Unit



1. CO line jack
2. Telephone jack
3. DC power jack
4. Antenna jack
   (North American versions will have a fixed antenna)
5. Microphone
6. "Power" indicator
7. "In-Use" indicator
8. Program/Intercom/Volume button
   Program
   Can be used to program the Base Unit by pressing this button within 5 seconds after plugging in the power adapter. (see Page 12)
   Intercom
   Can be used to page the Portable Handset when the Base Unit is in Stand-By condition. (see Page)
   Volume
   Can be used to increase or decrease the volume when the Base Unit is in In-Use condition. (see Page)
9. Speaker

Portable Handset



1. Fixed antenna or antenna plug
2. Speaker
3. LCD display
4. Function buttons

OK - Confirm / Send

CO / SCN - button in Standby Mode / Scan for clear channel while talking

C - Clear/End

DAM / F'SH - Digital Answering Machine view function in Standby Mode / FLASH or Backspace when dialing

MIC / HOLD - Hold button / Adjust microphone Sensitivity in Standby Mode

INT - Intercom button

SCR. / MENU - Voice Scramble / select function

MEMO - Save button

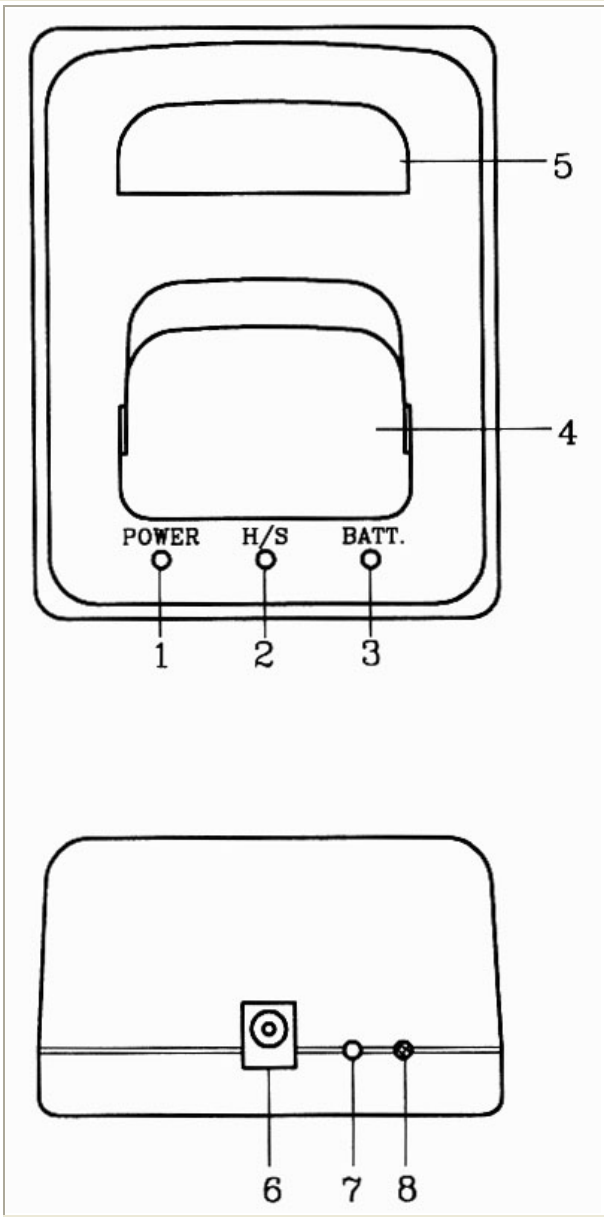
R/P - Redial / Pause button

▲ - Volume & Up button

▼ - Volume & Down button

5. Number buttons
6. Microphone
7. Clip to lock or release battery
8. Contact points for battery charger
9. Ringer
10. Jack for headset
11. Battery pack

Portable Handset Charger Stand



1. Power indicator
2. Portable handset charging indicator (for front slot)
3. Battery charging indicator (for rear slot)
4. Charging slot for portable handset
5. Charging slot for spare battery
6. DC power jack
7. Discharge button
8. Discharge indicator

INSTALLATION

INSTALLATION - *Base Unit*

Antenna
Screw the L-type antenna firmly into the antenna socket. Adjust the antenna so it is pointing up.

Note #1: Incorrect installation of the antenna will affect the communication range and you can damage the base unit.

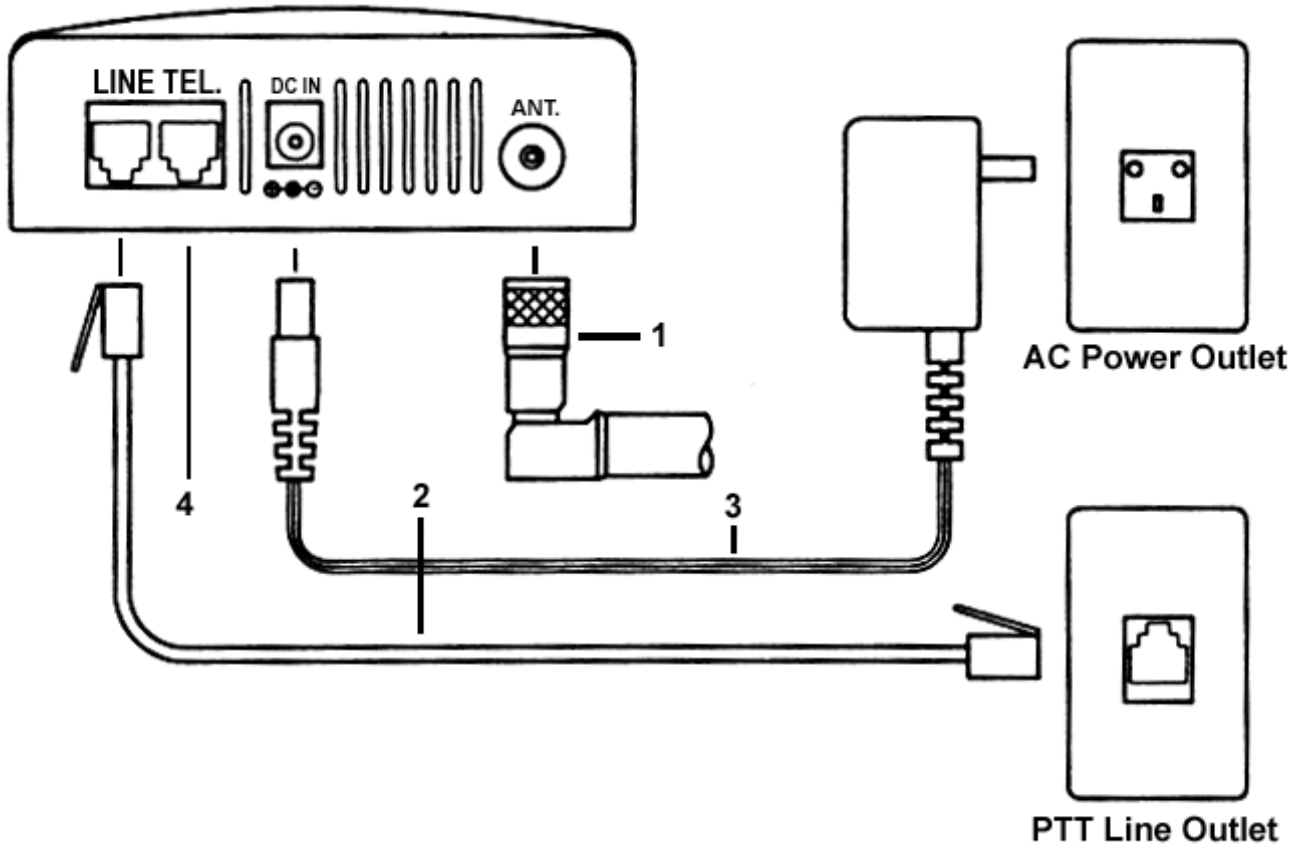
Note #2: North American versions will have a fixed antenna.

Telephone Line
Connect one end of the telephone line into the RJ 11 jack labeled “LINE” and the back of the base unit. Connect the other end of the telephone line into your wall outlet.

Power Adapter
Insert the mini-plug of the power adapter into the DC power socket at the back of the base unit and the other end into your AC power outlet on your wall. The “Power” light will turn on, which indicates it is in Standby Mode, when the power is connected.

Warning! *Use only the power adapter supplied. Using any other power adapter could cause serious damage to the Base Unit.*

Connecting Another Telephone
You can connect another telephone into this Base Unit by connection its line cord into the jack labeled “TEL”.

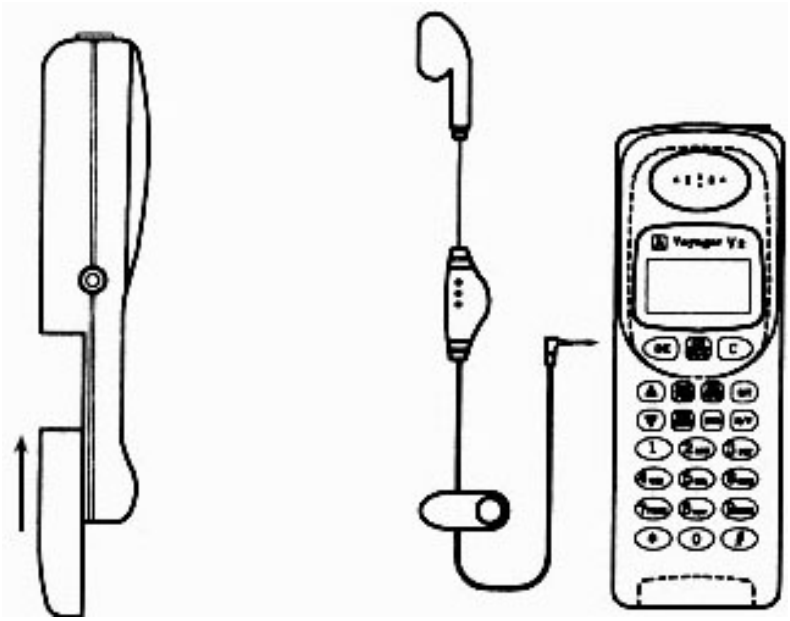


INSTALLATION - *Portable Handset*

Antenna
Screw the standard or short antenna firmly into the antenna socket.

Note: Incorrect installation of the antenna will affect the communication range and you can damage the Portable Handset.

Battery Pack
Insert the battery pack into the back of the Portable Handset and gently push down until it locks in place.



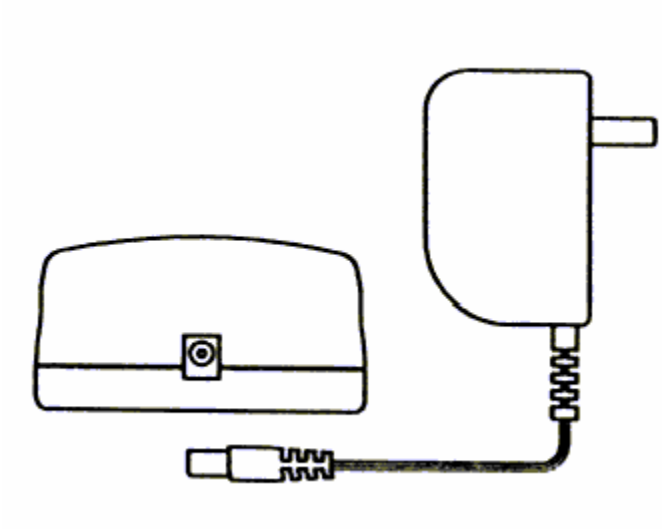
INSTALLATION - *Charger Stand*

Power Adapter
Insert the mini-plug of the power adapter into the DC power jack at the back of the charger stand and the other end into your AC power outlet on your wall.

Front Cradle
The front cradle is intended to charge a battery that is already attached to a Portable Handset.
When a Portable Handset (with the battery) is placed in the front slot of the charger stand, the CPU of the Portable Handset will automatically start monitoring charging status of the battery. The “POW.” indictor will light to verify it is charging. When the battery is fully charged, the light will turn solid green.

Rear Cradle
A spare battery can be charged in the rear cradle for added convenience. The “BATT.” indictor will light to verify it is charging. When the battery is fully charged, the light will turn solid green.

Incoming Calls While The Portable Handset Is Charging
If there is an incoming call while the Portable Handset is being charged, the handset will ring normally and you can answer the call. If the battery does not have enough power to answer the call, the handset will turn itself off.



INSTALLATION - *Batteries*

***WARNING**: If the battery is new or if it is completely discharged, do not charge it while it is attached to the Portable Handset. Remove the battery from the Portable Handset and charge the battery in the rear cradle of the charger stand. Charging a fully discharged battery while attached to the Portable Handset creates extra stress to the components of the Portable Handset and it can erase all the internal settings.*

Before Initial Use
Always charge the batteries for 2.5 hours with the standard travel charger before using it for the first time.

Charge Times

Charging with standard travel charger	2.5 hours
Charging on the front cradle of the charger stand (with the Portable Handset)	4.5 hours
Charging on the rear cradle of the charger stand	3.5 hours

Note: The Charger Stand is an optional accessory.

Battery Performance

Standby time	45 hours
Continuous talk time	2 hours to 2.5 hours

Note: We recommend that you keep the Portable Handset in the charger stand (optional accessory) when not in use to keep it fully charged. If the phone will not be used for long period, remove the battery from the portable handset to prevent the battery from discharging.

INSTALLATION - *Registering The Base Unit With The Portable Handset*

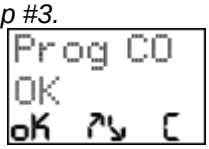
The Base Unit and the Portable Handset are pre-programmed at the factory to have all the same settings. Do not re-program the Base Unit unless you change the setting for the Dial Type, Channel Group or the Security Code (see appropriate topics in the **ADVANCED OPERATIONS & FEATURES** section) on the Portable Handset.

Note: Voyager has incorporated an efficient way of using the Portable Handset to program the Base Unit. If Dial Type, Channel Group or the Security Code has been changed on the Portable Handset, the same change(s) have to be made on the Base Unit or the two will no longer be able to communicate with each other. To avoid any mistakes in re-programming the Base Unit (if it is done manually), it can only be done through the Portable Handset. The Portable Handset broadcasts all it's internal settings to the Base Unit and the Base Unit re-programs itself with these new settings.

You can re-program the Base Unit by:

1. Press the SCR MENU button on the Portable Handset.
2. Press the ▼ button until you reach the

screen.
3. Press the OK button. The Portable Handset will send a signal to the Base Unit to look for a connection.
4. Unplug the power adapter on the Base Unit. Press the " Program " button on the Base Unit and while you are holding it down, plug the power adapter on the Base Unit back in. Release the Program program button after one second.

   Note: You must perform step #4 within 30 seconds after pressing the OK button (in step #3). If you take longer than 30 seconds, repeat step #3.
5. When the Portable Handset shows 

on the display, the Base Unit will emit a confirmation sound. Once the re-programming is complete, the system will go into Stand-By mode and you can start using the phone.

BASIC OPERATION

BASIC OPERATION - *Turning The Power On / Off*

Turning The Base Unit On / Off
Insert the mini-plug of the power adapter into the DC power jack at the back of the base unit and the other end into your AC power outlet on your wall. The "Power" light will turn on, which indicates it is in Standby Mode, when the power is connected.

Warning! Use only the power adapter supplied. Using any other power adapter could cause serious damage to the Base Unit.

Turn the Base Unit off by unplugging the power adapter from the AC power outlet.

Turning The Portable Handset On / Off
Insert the battery pack into the back of the Portable Handset by making sure the tabs on the battery are pointing in the same direction as the top of the Portable Handset. Reinstall the back cover of the Portable Handset. Press and hold the OK button for 4 seconds. The Portable Handset will beep and the phone will enter the "Standby" mode.

Turn the Portable Handset off by pressing the C button and holding it down for approximately 3 seconds. The screen will say "PowerOff" and the Portable Handset will turn off. Press the OK button to turn the Portable Handset back on.

BASIC OPERATION - *Tone Or Pulse Dialing*

Default Setting – Tone Dialing
This unit is preset to operate on Tone (DTMF) dialing. The default setting is 100 ms and this should work in all locations in North America.

Changing Tone Dialing Setting
The DTMF can be adjusted between the range of 50 ms to 200 ms. Please check with your local phone carrier company for the correct speed if you need to make any changes to the default setting. If you are not sure, do not change the default setting.

You can change the DTMF setting by:

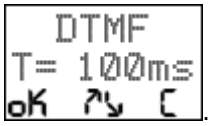
1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.

6. Press the ▲/▼ buttons until you reach the

screen.
7. Press the OK button.
8. Press the ▲/▼ buttons until you reach the DTMF setting your desire.

   Example: The factory default setting is 100 ms 

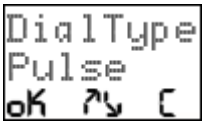
.
9. Press the OK button.
10. Press the C button twice to exit the programming functions.

Change To Pulse Dialing

This unit can be changed to pulse dialing by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the 

screen.
7. Press the OK button.
8. Press the C button twice to exit the programming functions.

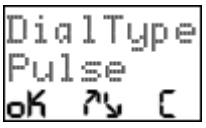
Changing The Pulse Dialing Setting

You can change the Pulse Dialing setting by:

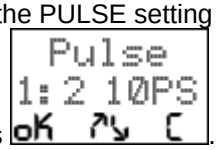
1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.

6. Press the ▲/▼ buttons until you reach the 

screen.
7. Press the OK button.
8. Press the ▲/▼ buttons until you reach the PULSE setting your desire.

   Example: The factory default setting is 1:2 10 ps 

.
9. Press the OK button.
10. Press the C button twice to exit the programming functions.

BASIC OPERATION - *Placing A Call*

Making A Cellular-Type Dial Call
Make a cellular-type dial call by:

1. Key in the phone number. If you make a mistake, press the DAM FSH button and it will delete one number at a time. Pressing C will delete all your numbers at once.
2. Press OK button and the Portable Handset will dial the number.
3. Press the C button to end the call after your conversation.

Making A Normal Dial-Mode Call
Make a normal dial-mode call by:

1. Press the OK button and listen for a dial tone.
2. Key in the phone number.

   Press the C button to end the call after your conversation.

BASIC OPERATION - *Answering A Call*

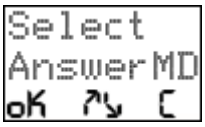
Answer A Call By Pressing Any Button
Answer an incoming call by pressing any key on the Portable Handset.

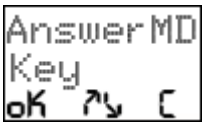
Note: The default setting is for you to be able to answer a call by pressing any button.

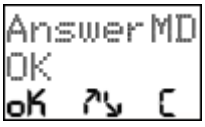
Answer A Call By Pressing The OK Button
The default setting is to answer an incoming call by pressing any button.

To change the setting so you can only answer the incoming call by pressing the OK button:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the 

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the 

screen.
7. Press the OK button.
8. Press the ▲/▼ buttons until you reach the 

screen. "OK" means the OK button.
9. Press the OK button.
10. Press the C button twice to exit the programming functions.

BASIC OPERATION - *Redialing A Number*

Redialing A Number Using The Cellular Dial Mode
You can redial the last number entered into your phone by:

1. Press the R/P button. The phone number will appear.
2. Press the OK button.
3. Press the C button to end the call after your conversation.

Redialing A Number Using The Normal Dial Mode
You can redial the last number entered into your phone by:

1. Press the OK button. The phone number will appear.
2. Press the R/P button.
3. Press the C button to end the call after your conversation.

Note: Pressing the R/P button repeatedly will show the last 5 phone numbers dialed.

ADVANCED OPERATIONS & FEATURES

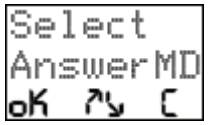
ADVANCED OPERATIONS & FEATURES - *Answering Options*

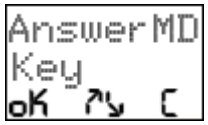
Auto Answer

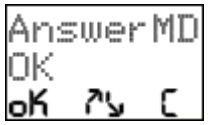
The Portable Handset can automatically answer an incoming call without having to press any buttons. This feature works only while the Portable Handset is charging in its cradle.

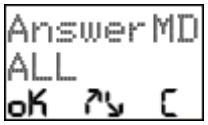
Note: The default setting is for this feature to be OFF. You can turn this feature ON by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the 

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the 

screen.
7. Press the OK button.
8. Press the ▲/▼ buttons until you reach the 

or 

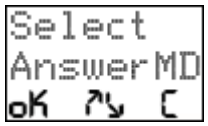
screen.
9. Press the OK button.
10. Press the C button twice to exit the programming functions.

Automatically Answer Call After One Ring

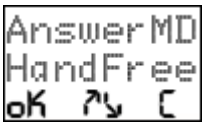
The Portable Handset can automatically answer an incoming call after only one ring.

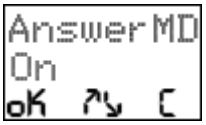
Note: The default setting is for this feature to be OFF. You can turn this feature ON by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the 

screen.
5. Press the OK button.

6. Press the ▲/▼ buttons until you reach the 

screen.
7. Press the OK button.
8. Press the ▲/▼ buttons until you reach the 

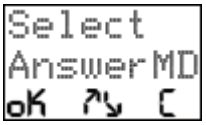
screen.
9. Press the OK button.
10. Press the C button twice to exit the programming functions.

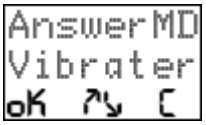
Handset Vibration

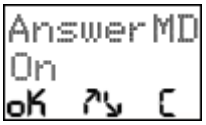
The Portable Handset can vibrate and ring at the same time when there is an incoming call.

Note: The default setting is for this feature to be OFF. You can turn this feature ON by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the 

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the 

screen.
7. Press the OK button.
8. Press the ▲/▼ buttons until you reach the 

screen.
9. Press the OK button.
10. Press the C button twice to exit the programming functions.

ADVANCED OPERATIONS & FEATURES - *Audio Volume*

Microphone Volume

The microphone volume is adjustable so you can calibrate it to meet your local PTT system. Please note that if the microphone volume is set too high, you may get feedback (sharp sound from the speaker) or you may hear you own voice (echo). If the microphone volume is setting too low, the other party might hear you not clearly. There are 4 volume levels and they can only be adjusted when the Portable Handset is in "Standby" mode.

You can change the Microphone Volume by:

1. Press the MIC HOLD button on the Portable Handset and you will see the

screen.
2. Press the MIC HOLD button to choose the volume level you prefer. The microphone volume will increase each time you press the button. When the volume level reaches 4, it will revert back to Level 1 when you press the button again.
3. Once you have set the volume level, the Portable Handset will return to "Standby" mode after 4 seconds.

Volume Control On The Portable Handset

You can adjust the volume level by pressing the ▲/▼ buttons on the Portable Handset until you reach a comfortable level. There are 8 volume levels.

Note: Increasing the volume will also increase the amount of background noise. We recommend that you set the volume just high enough so you can hear the other party clearly. Setting the volume level too high will cause feedback, especially if the microphone volume is also set very high.

Volume Control On The Base Unit

There are 8 volume levels and they can only be adjusted when the Base Unit is in "In-Use" mode.

Note: Increasing the volume will also increase the amount of background noise. We recommend that you set the volume just high enough so you can hear the other party clearly. Setting the volume level too high will cause feedback, especially if the microphone volume is also set very high.

You can adjust the Volume Level on the Base Unit by:

1. Make sure the Base Unit is in "In-Use" mode. The Base Unit is "In-Use" mode when you are using it to intercom the Portable Handset or if you have the Portable Handset intercom the Base Unit (see **Intercom** in the **ADVANCED OPERATIONS AND FEATURES** section). The "In-Use" indicator on the Base Unit will light.
2. Press the "PROGRAM" button repeatedly until you reach the volume level you prefer. The Base Unit will remember this setting for all future calls unless you change it.

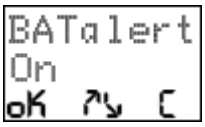
ADVANCED OPERATIONS & FEATURES - *Battery-Low Alert*

The Battery-Low Alert will notify you with an audible signal when the battery is low and it needs to be recharged.

Note: The default is for this feature to be OFF. You can turn this feature ON by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the 

screen.
7. Press the OK button.
8. Press the C button twice to exit the programming functions.

ADVANCED OPERATIONS & FEATURES – *Button Confirmation Tone*

The keypad gives you an audible confirmation when a button is pressed. The 3 settings available are High/Low/Inactive.

Note: The default setting for the Button Confirmation Tone (or Key Click) is Low.

You can change the setting by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons to set the volume you prefer.
7. Press the OK button.
8. Press the C button twice to exit the programming functions.

Direct Transfer During Your Conversation
You can transfer your call during a conversation by:

1. Press the INT button on the Portable Handset.
2. Press the number of the handset that you want to transfer the call to
   or
   Press the INT button again if you have set a preferred handset to ring (see setting **Preferred Ringing Handset** in **ADVANCED OPERATIONS & FEATURES** section).

Transfer After Placing Your Call On Hold
You can put your call on hold and transfer the call to another handset by:

1. Press the MIC HOLD button to put your call on hold.
2. Press the INT button.
3. Press the number of the handset that you want to transfer the call to
   or
   Press the INT button again if you have set a preferred handset to ring (see setting **Preferred Ringing Handset** in **ADVANCED OPERATIONS & FEATURES** section).

   Note: At this point, you are basically speaking with the other handset with the phone system's intercom feature. You would tell the person on the other handset that you have someone on hold and you are going to transfer the call to him/her.

4. Press the C button to transfer the call you have put on hold to the other handset
   or
   If the other handset does not want to receive the call, press the DAM FSH button and you can continue talking to the person you had put on hold.

Note:

- If you do not press the handset number within 2 seconds after pressing the INT button from the Portable Handset, the system will automatically transfer the call to the base unit.
- If you transfer the call and the person you transferred it to do not answer within 30 seconds, the Portable Handset that the transfer originated from will ring.
- If you transfer the call and the person you transferred it to do not receive it, you can talk to the person who you tried to transfer by pressing the OK button.

ADVANCED OPERATIONS & FEATURES - *Channels*

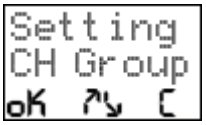
Setting Channel Group

There are 10 channels within 1 channel group and there are a total of 8 channel groups. Your Base Unit and your Portable Handset must be set on the same channel group in order for them to communicate with each other.

You might want to change the channel group on your phone if you are consistently experiencing interference from other cordless phones in your area. You may also want to change the channel group if you want to limit which Portable Handset(s) communicates with which Base Unit(s) within your organization. For example, this would help control how many Portable Handsets can have access to a particular phone line.

You can change the channel group by:

4. Press SCR MENU button on the Portable Handset.
5. Press the ▲/▼ buttons until you reach the

screen.
6. Press the OK button.
7. Press the ▲/▼ buttons until you reach the 

screen.
8. Press the OK button.
9. Press the ▲/▼ buttons until you reach the channel group you desire.
10. Press the OK button.
11. Press the C button twice to exit the programming functions.

Note: If you choose channel

, you will have access to all channels.

Setting The Number Of Channels You Want Available

You can choose to have access to 40 channels or 80 channels.

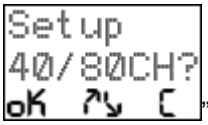
Note: The default setting is for 80 channels.

You can change the number of channels by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.

5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the 

"screen.
7. Press the OK button.
8. Press the ▲/▼ buttons until you reach the number of channel you prefer.
9. Press the OK button.
10. Press the C button twice to exit the programming functions.

ADVANCED OPERATIONS & FEATURES – *Channel Scan (Scanning For A Free Channel)*

If you are experiencing interference during your telephone conversation, press the SCR MENU button on your Portable Handset and your Portable Handset will search for a clear channel.

ADVANCED OPERATIONS & FEATURES - *Dialing Options*

Call Restriction

The Call Restriction feature restricts all outgoing call from the Portable Handset. There are 2 ways you can restrict outgoing calls.

1. Stop all outgoing calls.
2. Restrict the first, first 2, or first 3 digits of the phone number.

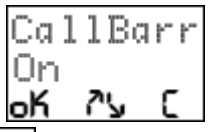
Note: The default setting is for this feature to be off/inactive.

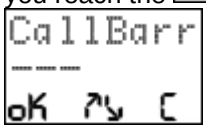
You can activate the Call Restriction setting by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.

6. Press the ▲/▼ buttons until you reach the 

screen.
7. Press the OK button. You will see 

which means there is no call restrictions set.
8. Press the ▲/▼ buttons to enter the number you want and then press OK to save this number. Follow the same procedure if you want to set more than one number
or
Setting the numbers to 000 will restrict ALL outgoing calls.
9. Press the OK button.
10. Press the C button twice to exit the programming functions.

Flash Time

The Flash Time is the time it takes for the phone system to switch to the other incoming call if you subscribe to the Call Waiting feature.

Note: The default Flash Time is 600ms and it should work in most locations in North America.

You can change the Flash Time by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons to set the Flash Time you require.
7. Press the OK button.
8. Press the C button twice to exit the programming functions.

Pause Time

The default Pause Time is 3000ms and it should work in most locations in North America. Check with your area's Pause Time requirements if you need to change it.

You can change the Pause Time by:

1. Press SCR MENU button on the Portable Handset.

2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons to set the Pause Time you require.
7. Press the OK button.
8. Press the C button twice to exit the programming functions.

ADVANCED OPERATIONS & FEATURES - *Energy Saving Feature*

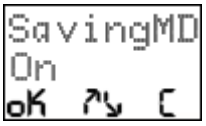
When this feature is ON and the Portable Handset is not being used, the LCD display will turn itself off after 20 seconds and all the buttons will be locked. The Portable Handset will become active again if there is an incoming call or if you press the OK button.

Note: The default setting for this feature is for it to be OFF.

You can turn this feature ON by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the 

screen.
7. Press the OK button.
8. Press the C button twice to exit the programming functions

ADVANCED OPERATIONS & FEATURES - *Group Paging*

You can page all the Portable Handsets at the same time, as long as they are in your channel group, (see the **Channel** section under **ADVANCED OPERATIONS & FEATURES** section) by:

1. Press the INT button on the Portable Handset.
2. Press the * button.

You can do this from any of the Portable Handsets. All the Portable Handsets will continue to ring until any one Portable Handset answers the call.

ADVANCED OPERATIONS & FEATURES - *ID Exchange*

The ID Exchange feature works by having the Base Unit send a signal every 40 seconds to the Portable Handset (it is communicating with) and the Portable Handset bounces the signal back to the Base Unit. The purpose of this feature is for the Base Unit to know it is still in contact with the Portable Handset. If the signal that the Base Unit sends out does not bounce back, the Base Unit knows the Portable Handset is either off or it is out of range.

Note: The default setting if for this feature to be OFF.

You can activate the ID Exchange feature by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

ID Exchange" screen.
5. Press the OK button.
6. Press the ▲/▼ buttons to set the feature to

screen.
7. Press the OK button.
8. Press the C button twice to exit the programming functions.

ADVANCED OPERATION & FEATURES - *Intercom*

You can intercom between Handset-to-Handset, Base Unit-to-Handset or Handset-to-Base Unit.

Note: All the Portable Handsets should be numbered first (see **Numbering Handset** in the **MULTIPLE SYSTEMS** section) if you have more than one Portable Handset.

Intercom From The Base Unit To The Portable Handset

You can intercom the Portable Handset from the Base Unit by:

1. Press the " Program " button on the Base Unit. This will ring the Portable Handset and the person with the Portable Handset must press any button to answer the intercom. There is full-duplex (both people can talk at the same time) when talking between the Base Unit and the Portable Handset.
2. The person using the Portable Handset must press the C button to end the intercom call.

Note: If there is more than one Portable Handset, all Portable Handsets will ring until one answers the intercom.

Intercom From The Portable Handset

You can intercom the Base Unit or another Portable Handset from the Portable Handset by:

1. Press the INT button on the Portable Handset.
2. Press the Portable Handset number or Base Unit number of the party you are trying to intercom with

   or

   press the INT button again and it will signal the Base Unit

Note #1: During an intercom conversation, you can press the DAM FSH key to get a dial tone. **Note #2:** If you are talking between a Portable Handset and another Portable Handset, the communication is simplex (like a walkie-talkie). You must press any key and hold it down while talking and then release the button to listen. **Note #3:** Only the Portable Handset that originated the intercom call can end the call. Press the C button to end the intercom call.

ADVANCED OPERATIONS & FEATURES - *Keypad Backlight*

The Portable Handset comes with a lighted keypad for your convenience. It is a very useful feature when using the phone in areas with poor lighting.

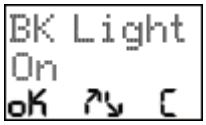
Note: The default setting for the Backlight is for it to be OFF.

You can turn this feature ON by:

1. Press SCR MENU button on the Portable Handset.

2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

Backlight" screen.
5. Press the OK button.
6. Press the ▲/▼ buttons to select the 

screen.
7. Press the OK button.
8. Press the C button twice to exit the programming functions

ADVANCED OPERATIONS & FEATURES - *Out Of Range Alert*

The Portable Handset can give you an audible tone when it becomes too far away and it can no longer communicate with the Base Unit.

Note: The default setting for the Out of Range Alert is for it to be OFF.

You can turn this feature on by:

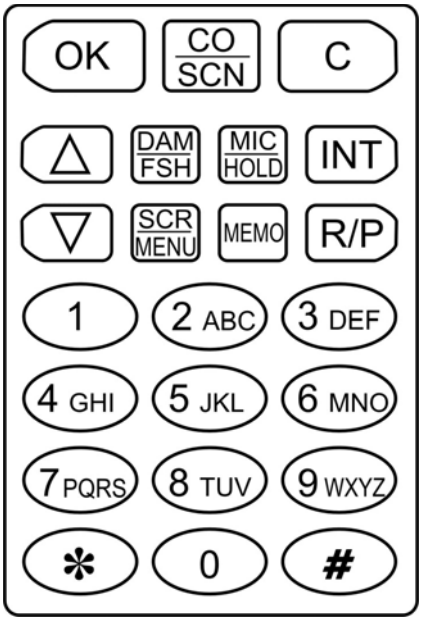
1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons to select the

option.
7. Press the OK button.
8. Press the C button twice to exit the programming functions.

Handset Key Pad

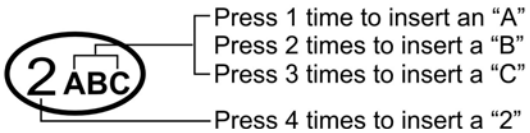


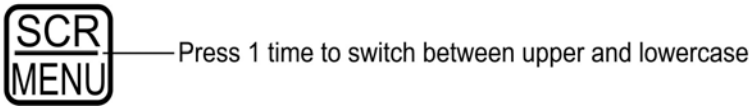
Key Reference for Phone Book Programming

9. OK - Dial & Save
10. △ - Scroll Up
11. ▽ - Scroll Down
12. C - Cancel & Exit
13. INT - Delete
14. SCR MENU - Menu Mode & Voice Scramble
15. CO SCN - Change Channel & select CO line
16. 0 ~ 9 WXYZ, * & # - Forwards to next screen (to view name and phone number)
17. MEMO - Saves the entry into a specific location
18. R/P - Backspace one step

Key Reference for Entering Names & Symbols

1 **# $ % 1**	2 ABC **A B C 2**	3 DEF **D E F 3**
4 GHI **G H I 4**	5 JKL **J K L 5**	6 MNO **M N O 6**
7 PQRS **P Q R S 7**	8 TUV **T U V 8**	9 WXYZ **W X Y Z 4**
0 **Space ! " 0**	* **( ) * +**	# **, - . /**
SCR MENU shift **CAPS**	R/P **Backspace**	OK **Save**



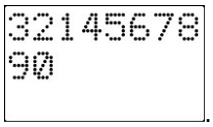


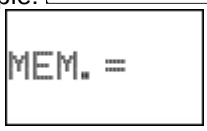
Storing Names and Phone Numbers

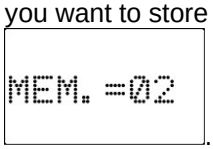
The Portable Handset can store 40 entries and each entry can have a maximum of 20 characters for the name and 20

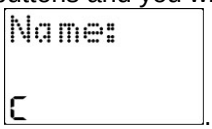
digits for the phone number. The Portable Handset also stores the last 5 phone numbers that were dialed and these 5 numbers are replaced in succession once new numbers are entered.

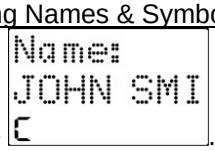
You can store your names and phone numbers by:

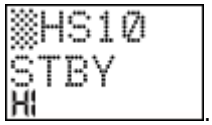
1. Enter the phone number which you want to store in the phone book. Example: 

.
2. Press the MEMO button twice on the Portable Handset and you will see the 

screen.
3. Enter the location (between 01~40) where you would like to store this number in the phone book. For example, if you want to store the number in location "02", press the 0 & 2 ABC buttons and you will see the screen 

. The screen will automatically change to the next screen 

.
4. Enter the name by following the "Key Reference for Entering Names & Symbols" in the table at the beginning of this section. For example, "John Smith Office" will look like 

.
5. Press OK to save the information. The Portable Handset will go back into Standby Mode 

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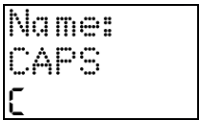
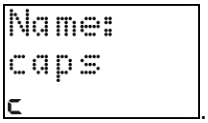
Note: The default setting is for the characters to be uppercase format. When the characters are in uppercase format, the display will indicate an uppercase "C" on the left bottom corner of the screen 

. When the characters are in Lowercase format, the display will indicate a lowercase "c" on the left bottom corner of the screen 

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Looking In The Phone Book

Each entry in the Phone Book can have a maximum of 20 characters for the name and 20 digits for the phone number. However, the screen on the Portable Handset can only display 16 characters or digits at one time so entries that have more than 16 characters or digits will be displayed on two screens.

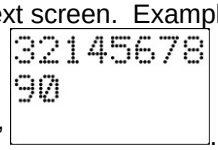
You can look in your phone book by:

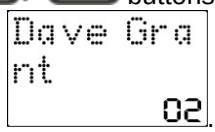
1. Press SCR MENU button on the Portable Handset and you will see

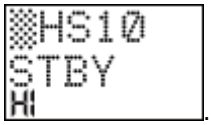
.

2. Press the OK button. Whenever you enter the Phone Book, it will always begin with the entry in location "01".
   Example:

3. Press any number key "*" or "#" to review the next screen. Example:

. To view the phone number you can press any number key "*" or "#" 

.
4. Press the ▲/▼ buttons to view the next entries in the Phone Book until you find the one you are looking for. Example: 

.
5. Press the C button twice to exit the Phone Book. The Portable Handset will go back into the Standby mode 

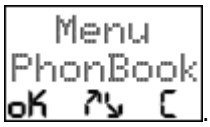
.

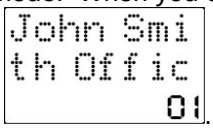
Deleting An Entry From The Phone Book

Entries in the Phone Book cannot be edited or modified. If you need to make a change to an entry in the Phone Book, you must delete that entire entry and re-enter that entry's information (and include the correction or change that you needed to make).

You can also follow these instructions if you want to just completely delete an entry from the Phone Book. Please note that you can only delete one entry at a time. You cannot delete the entire phone book with one single procedure.

You can delete an entry from your Phone Book by:

1. Press the SCR MENU button and you will see 

.
2. Press the OK button to enter the Phone Book mode. When you enter the Phone Book, it will always begin with the entry in location "01" (the very first entry). Example: 

.
3. Press the ▲/▼ buttons to select which entry that you want to delete.
4. Press the INT button to delete the entire entry.

Making A Call While In The Phone Book Mode

You can make a call while you are in the Phone Book mode by:

1. Press the SCR MENU button on the Portable Handset and you will see

.
2. Press the OK button to enter the Phone Book mode and see will see the first entry in the Phone Book.

   Example:

.

Note: Whenever you enter the Phone Book, it will always begin with the entry in location “01” (the very first entry).

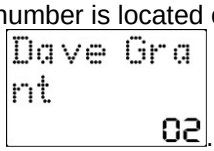
3. Press the ▲/▼ buttons to find the entry you are looking for.
4. Press the OK button. The Portable Handset will dial the phone number of the entry that is currently being displayed.
5. Press the C button to end the call after your conversation.

Speed Dial

Speed Dialing can be used to quickly and easily recall phone numbers in the Phone Book by pressing only 3 buttons.

Note: You need to know the number that was assigned in the Phone Book to the person you want to dial. You may want to keep a list of all the people in your Phone Book and note which number is assigned to their name. Keep this list in a convenient location so you can refer to it easily.

You can dial a Speed Dial number by:

1. Press the MEMO button.
2. Press the number associated to the person in the Phone Book that you want to dial. For example: You want to make a call to Dave Grant and you know his phone number is located on memory location “02”. Press the 0 2 ABC buttons and you will see the screen 

.
3. Press the OK button and wait for dial tone to talk.
4. Press the C button to end the call after your conversation.

ADVANCED OPERATIONS & FEATURES - *Ringer*

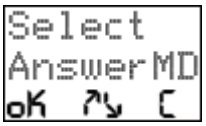
Changing The Ringer Melody

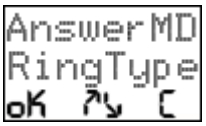
There are 3 types of Ringer Melodies on the Portable Handset.

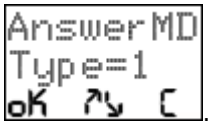
Note: The default setting for the Ringer Melody is Type 1.

You can change the Ringer Melody on the Portable Handset by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the 

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the 

screen.
7. Press the OK button.
8. Press the ▲/▼ buttons until you reach the Ringer Melody you prefer. Example 

.
9. Press the OK button.
10. Press the C button twice to exit the programming functions

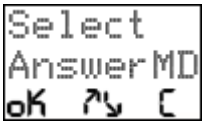
Changing The Ringer Volume

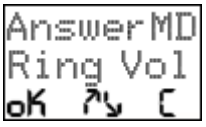
There are 3 Ringer Volume settings on the portable handset. The settings are High, Low, and OFF.

Note: The default setting for the Ringer Volume is “High”.

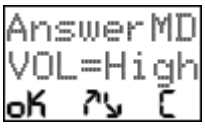
You can change the Ringer Volume on the Portable Handset by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the 

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the 

screen.
7. Press the OK button.
8. Press the ▲/▼ buttons until you reach the ringer setting you prefer.

Example 

9. Press the OK button.
10. Press the C button twice to exit the programming functions.

ADVANCED OPERATIONS & FEATURES - *Security*

Set Password

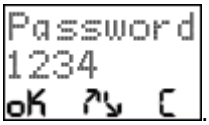
The purpose of the Password is for added security. You can prevent other users, including ones from your own office, from using your Portable Handset by activating the Password feature. The user must enter the correct Password before the Portable Handset is functional.

Note: The default password on the Base Unit is "1234". The Password on the Base Unit must be set to match the Password on the Portable Handset.

You can change the Password on the Portable Handset by:

1. Press SCR MENU button on the Portable Handset Unit.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button. You will see the current password and the first number (starting from the left side) will have a dash (_) under it. The number above the dash is the one that is active and that can be changed.
6. Press the ▲/▼ buttons until you reach the number you prefer.
   Example 

.
7. Press the OK button. This will save the number you have chosen and the dash will move to the next number. Follow steps #8 and #9 for the remaining numbers. If the dash is under a number that you do not want to change, press the OK button and it will move to the next number.
8. Press the C button twice to exit the programming functions

Setting The Password Feature ON or OFF

The Password feature is an option and it can be turned ON or OFF.

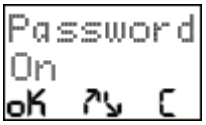
Note: The default setting for the Password feature is for it to be OFF.

You can turn the Password feature ON by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the

screen.
7. Press the OK button.
8. Press the ▲/▼ buttons until you reach the 

screen.
9. Press the OK button.
10. Press the C button twice to exit the programming functions

Set Security Code

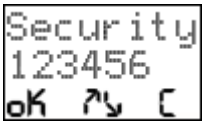
The purpose of the Security Code is to prevent another user with the same Voyager phone system to connect with your Voyager phone system. For example, someone else has a portable handset, he is using it within the range of your Base Unit, and he is using the same Security Code as your system. If this person can connect with your Base Unit, he can make long distance calls or prank calls through your base unit. The Base Unit can only connect with the Portable Handset if they both have the same Security Code.

Note: The default Security Code on the Portable Handset is a random number. The Security Code of the Base Unit and Portable Handset from each system is programmed at the factory to match.

You can change the Security Code on the Portable Handset by:

1. Press SCR MENU button on the Portable Handset Unit.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the 

screen.
7. Press the OK button. You will see the current password and the first number (starting from the left side) will have a dash (_) under it. The number above the dash is the one that is active and that can be changed.

8. Press the ▲/▼ buttons until you reach the number you prefer.
9. Press the OK button. This will save the number you have chosen and the dash will move to the next number. Follow steps #8 and #9 for the remaining numbers. If the dash is under a number that you do not want to change, press the OK button and it will move to the next number.
10. Press the C button twice to exit the programming functions.

ADVANCED OPERATIONS & FEATURES – *Talk Time Control*

The purpose of Talk Time Control is to restrict the amount of time someone can talk on the phone. This applies to outgoing calls only. This is feature is useful for businesses that allow their customers to use the phone.

You can set the Talk Time Control between 2 minutes and 99 minutes. If you do not want to set any limit, change the setting to "00".

Note: The default setting for the Talk Time Control feature is 60 minutes. The phone will alert the user shortly before the time limit is reached.

You can change the limit of the Talk Time Control by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the time setting you prefer.
   Example:

screen.
7. Press the OK button.
8. Press the C button twice to exit the programming functions.

ADVANCED OPERATIONS & FEATURES - Voice Scramble

The purpose of the Digital Voice Scramble is to prevent other people from listening to your telephone conversation if they accidentally pick your conversation from their cordless phone or if they have equipment for scanning radio signals.

Note #1: The default setting for the Digital Voice Scramble feature is OFF. If this feature is not ON during a conversation and you want to turn it ON, press the SCR MENU button and the Digital Voice Scramble feature will turn ON. Because the internal programming for the Portable Handset is still set on OFF, the Digital Voice Scramble feature will automatically turn itself after the conversation.

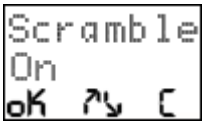
Note #2: If the Digital Voice Scramble feature is ON but you feel that the current Scramble Code is no longer secure enough, press the SCR MENU button during your conversation and the phone will change the Scramble Code.

You can turn the Voice Scramble feature on by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the

screen.
7. Press the OK button.
8. Press the ▲/▼ buttons until you reach the 

screen.
9. Press the OK button.
10. Press the C button twice to exit the programming functions.

MULTIPLE SYSTEMS

MULTIPLE SYSTEMS - *Introduction*

You can add additional Voyager phone systems, Base Units and/or Portable Handsets to this Voyager phone system. All Voyager phone systems can expand to incorporate a total of 9 Base Units and up to 90 Portable Handsets. Integrating additional equipment is just a matter of programming the new equipment to “link” with the existing equipment.

There are 2 options that can be added to expand your Voyager phone system:

1. Additional Portable Handsets so more people can use the telephone system.
2. Additional Base Units to give you more telephone lines.

See the following section that relates to what equipment you are adding.

MULTIPLE SYSTEMS - *Adding Handsets*

Programming Overview

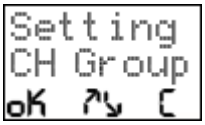
You will need to program the new Portable Handset so it will work with your existing phone system. The following steps outline the complete process:

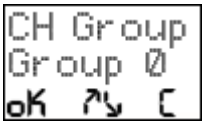
1. Check the Channel Group (see Channel Group section below), Security Code (see Security Code section below) and Handset Number (see Handset Number section below) of any one of the Portable Handsets that are already being used with your existing Voyager phone system. You can do this by following the instructions for viewing/changing Channel Group, Security Code, and Handset Number, as outlined below.
2. Write down these settings.
3. The new Portable Handset must be programmed to have the same Channel Group and Security Code as your existing system or they will not communicate with each other. Follow the instructions below for changing the Channel Group and Security Code, as outlined below.
4. Assign a unique Handset Number for your new Portable Handset (see Handset Number section below).

Confirm that your new Portable Handset works with your phone system by making a phone call or using the intercom feature.

View / Change the Channel Group

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the 

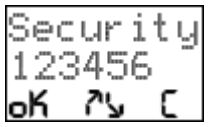
screen.
5. Press the OK button. You will reach the 

screen. If you are just viewing the number, proceed to step #7. If you need to change the number, proceed to the next step.
6. Press the ▲/▼ buttons until you reach the channel group you desire.
7. Press the OK button.
8. Press the C button twice to exit the programming functions.

View / Change the Security Code

1. Press SCR MENU button on the Portable Handset Unit.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the 

screen. If you are just viewing the number, proceed to set #10. If you need to change the number, proceed to the next step.
7. Press the OK button. You will see the current password and the first number (starting from the left side) will have a dash (_) under it. The number above the dash is the one that is active and that can be changed.
8. Press the ▲/▼ buttons until you reach the number you prefer.
9. Press the OK button. This will save the number you have chosen and the dash will move to the next number. Follow steps #8 and #9 for the remaining numbers. If the dash is under a number that you do not want to change, press the OK button and it will move to the next number.
10. Press the C button twice to exit the programming functions.

Numbering Handsets

Numbering your Portable Handsets gives each one a unique identity. This is required when receiving a transferred call and using the intercom feature. Programming is done on each Portable Handset.

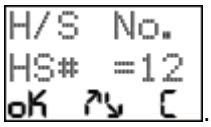
You can number your handsets by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the

screen.
7. Press the OK button.

8. Press the ▲ / ▼ buttons until you reach the handset number you prefer.
   Example: 

9. Press the OK button.
10. Press the C button twice to exit the programming functions.

MULTIPLE SYSTEMS – *Adding Base Units (for more telephone lines)*

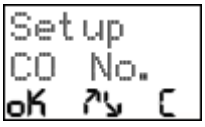
If you want to set up a phone system with more than one phone line, you can combine up to 9 Base Units and up to 90 Portable Handsets. Each Base Unit has to have its own individual identity so you must assign each one with its own C.O. (central office) Line number.

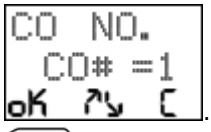
Note: In order for a multi-phone system to communicate with each other, you must set the Channel Group (see View/Change the Channel Group above) and Security Code (see View/Change the Security Code above) on all the phones to be the same.

Setting The C.O. Number On The Portable Handset
You can program the CO# on the Portable Handset by:

1. Press SCR MENU button on the Portable Handset.
2. Press the ▲/▼ buttons until you reach the

screen.
3. Press the OK button.
4. Press the ▲/▼ buttons until you reach the

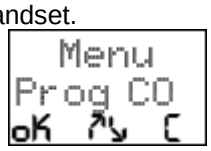
screen.
5. Press the OK button.
6. Press the ▲/▼ buttons until you reach the 

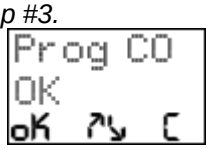
screen.
7. Press the OK button.
8. Press the ▲/▼ buttons until you reach the CO number you prefer.
   Example: 

9. Press the OK button.
10. Press the C button twice to exit the programming functions.

Setting The C.O. Number On The Base Unit
Once you have set the C.O. Number on the Portable Handset, re-register the Base Unit so both the Portable Handset and the Base Unit have the same settings.

You can re-program the Base Unit by:

1. Press the SCR MENU button on the Portable Handset.
2. Press the ▼ button until you reach the 

screen.
3. Press the OK button. The Portable Handset will send a signal to the Base Unit to look for a connection.
4. Unplug the power adapter on the Base Unit. Press the " Program " button on the Base Unit and while you are holding it down, plug the power adapter on the Base Unit back in. Release the Program program button after one second.
5. *Note: You must perform step #4 within 30 seconds after pressing the OK button (in step #3). If you take longer than 30 seconds, repeat step #3.*
6. When the Portable Handset shows 

on the display, the Base Unit will emit a confirmation sound. Once the re-programming is complete, the system will go into Stand-By mode and you can start using the phone.

MULTIPLE SYSTEMS - *Placing A Phone Call*

Choose A Specific Phone Line
You can choose a specific Phone Line number to make a call by:

1. Press the CO SCN button.
2. Press the number button that corresponds to the Phone Line number you want to use.

Automatically Scan For An Open Phone Line
You can choose to have the phone system scan for an open Phone Line by:

1. Press the CO SCN button.
2. Press the 0 button.

Choose The Preferred Base Unit

You can choose to directly access the Phone Line on the Preferred Base Unit (if one has been programmed) by:

1. Press the CO/SCN button.

MULTIPLE SYSTEMS - *Intercom*

This section explains how to choose a specific (or automatically scan an open one) C.O. Line in a multi-phone system. This is required because the intercom feature works by relaying the signal through a Base Unit. This system does not work like an RF radio, which transmits directly from one handset to another handset. This section explains how to access a free CO Line but it does not explain how to make the actual intercom call. See the **Intercom** section in **THE ADVANCED OPERATION & FEATURES** in this manual for instructions on making the intercom call.

Choose A Specific C.O. Line
You can choose a specific C.O. Line number to make a call by:

2. Press the INT button.
3. Press the number button that corresponds to the C.O. Line number you want to use.

Automatically Scan For An Open C.O. Line
You can choose to have the phone system scan for an open C.O. Line by:

1. Press the CO/SCN button.
2. Press the 0 button.

Choose The Preferred Base Unit
You can choose to directly access the C.O. Line on the Preferred Base Unit (if one has been programmed) by:

1. Press the INT button.

SPECIFICATIONS

Item	Base Unit	Portable Handset	Quick Charger
Frequency	902 / 928 MHz	902 /928 MHz	
Power Source	9DV DC, 1000mA	4.8V DC, 650mAh Ni-MH Battery Pack	12V DC, 1000mA
Dimension Without Antenna	109 x 149 x 39 mm 4.31 x 5.87 x 1.51 inches	46 x 141 x 30 mm 1.81 x 5.55 x 1.18 inches	75 x 100 x 45 mm 2.95 x 3.93 x 1.77 inches
Weight	400 grams	203 grams with Battery Pack	117 grams

TROUBLESHOOTING

The power light is off on the base unit.

1. Check that the AC power cord has been installed properly as outlined in the **INSTALLATION** section.
2. Check that the power outlet in the wall is working.
3. Is the power outlet in the wall controlled by a wall switch? If it is, make sure the switch is on.

The LCD display on the Portable Handset does not show "STBY" even when the battery is in.

1. Check that is battery pack is installed securely into the Portable Handset.
2. Make sure that the battery is charged. If you are not sure, use a battery pack that you know has been charged.

I cannot get a dial tone to make an outgoing call.

1. Check that the Base Unit and the Portable Handset are both set to the same Channel Group and the same Security Code numbers (see the **ADVANCED OPERATION** section).
2. Are you waiting for the Portable Handset to ring before you try to answer the call?

Communication range is poor and I am getting an unusual amount of static and/or interference.

1. Check that the antenna on the Base Unit and the antenna on the Portable Handset are installed properly (see the **INSTALLATION** section).
2. Are there any metal objects between the Base Unit and the Portable Handset?

I cannot use the "Tone" dial mode to place a call.

1. Make sure you are using Tone dialing in your area. If you are not, change the setting to Pulse dialing (see **BASIC OPERATION** section).

I cannot answer an incoming call

1. Are you waiting for the Portable Handset to ring before you try to answer the call?
2. Is there a different Portable Handset that is programmed to be the Preferring Ringing Handset (see **ADVANCED OPERATION)**.
3. Is your Portable Handset beyond the range of the Base Unit?

The Base Unit does not respond when I press the OK key on the Portable Handset to get a dial tone.

1. Move to a different location. There may be interference or a poor reception in your present location.
2. Press the On button and hold it down for 2 to 3 seconds. This will make the CPU automatically send a "linking" signal to the Base Unit several times and this will increase the possibility to the Base Unit responding to the signal.

The Base Unit does not respond when I press the INT key on the Portable Handset to request an intercom.

1. Move to a different location. There may be interference or a poor reception in your present location.
2. Press the INT button and hold it down for 2 to 3 seconds. This will make the CPU automatically send a "linking" signal to the Base Unit several times and this will increase the possibility to the Base Unit responding to the signal.

Note: If you have tried to the above solutions and it has not corrected the problem, contact the dealer you had purchased the unit from. Do not attempt to service this unit yourself as you risk electrical shock. Unauthorized service of this equipment automatically voids any warranty by Voyager.